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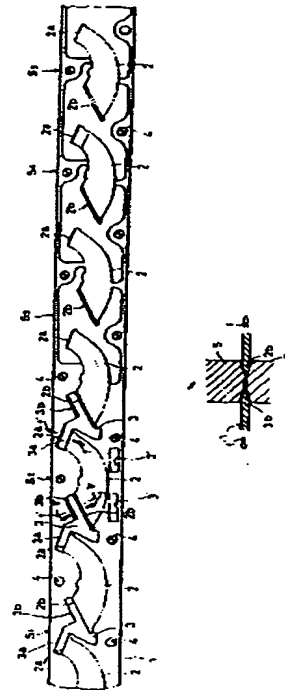
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TITLE : BLADE FORMING METHOD



ABSTRACT : PURPOSE: To obtain accurate positioning of a material plate and to increase a figure accuracy by forming a punched hole so that a side pressure acts on the material plate in the opposite direction to the direction of another side pressure acting on the material plate for edge facing stages of blade forming.

CONSTITUTION: At the 1st stage S_1 of forming the material plate 1 into the blade, positioning holes 4 and a punched hole 3 are punched. The punched hole 3 is formed into a figure having opposite edges 3a and 3b which are in parallel with the front edge 2a and the rear edge 2b of a blade 2, respectively. At the 2nd stage S_2 , the opposite edges 3a and 3b are also faced simultaneously when the edges 2a and 2b are faced by an upper and lower die 5. Thus the side pressure (f) acting on the plate 1 in a respective normal direction to the edges 2a and 2b is cancelled by the another side pressure f' acting on the plate 1 in the respective normal direction to the edges 3a and 3b. The method prevents the positioning holes 4 from deforming and positions the plate 1 accurately and allows that a specified process is performed in succeeding stages S_3 , S_4 , and S_5 .

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